

14846-37

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	:	Examiner: TBD
ZIEMANN ET AL.	)	
	:	Group Art Unit: TBD
Application No.: TBD	)	
	:	
Filed: Herewith	)	
	:	
For: NAVIGATION OF TREE DATA	)	
STRUCTURES	:	March 17, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed PTO-1449. Copies of the listed documents are also enclosed. It is respectfully requested that the PTO-1449 form be initialed and returned, indicating that the cited references have been considered.

CONCLUSION

Applicants' undersigned attorney may be reached by telephone at (973) 597-2500.

All correspondence should continue to be directed to our address listed below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael B. Johannesen", written over a horizontal line.

Michael B. Johannesen  
Attorney for Applicants

Registration No. 35,557

DOCKET ADMINISTRATOR  
LOWENSTEIN SANDLER PC  
65 Livingston Avenue  
Roseland, NJ 07068

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>	<b>Docket Number (Optional)</b> <b>14846-37</b>	<b>Application Number</b> <b>TBD</b>
	<b>Applicant(s)</b> <b>ZIEMANN et al</b>	
	<b>Filing Date</b> <b>Herewith</b>	<b>Group Art Unit</b> <b>TBD</b>

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		2003/0050931	03/13/03	Harman et al.	707	100	
		2003/0088593	05/08/03	Stickler	707	205	
		2003/0126151	07/03/03	Jung	707	100	
		2003/0131007	07/10/03	Schirmer et al.	707	100	
		2003/0167266	09/04/03	Saldanha et al.	707	6	

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	TRANSLATION	
							Yes	No

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		van Steen et al., "Model for Worldwide Tracking of Distributed Objects" Proceedings of the TINA Conference (1996)	
		Hellerstein, J., "GiST: A Generalized Search Tree for Database Systems", UC Berkeley, January 19, 1996, pgs. 1-28	
		Ramakrishnan, R., "Tree-Structured Indexes Module 2, Lectures 3 and 4, Database Management Systems", pgs. 1-26, date unknown, but available at <a href="http://www.cs.ust.hk/faculty/dimitris/COMP530/notes/l6.pdf">http://www.cs.ust.hk/faculty/dimitris/COMP530/notes/l6.pdf</a> as of March 16, 2004.	
		Chen et al., "Improving Index Performance through Prefetching", School of Computer Science, Carnegie Mellon University, CMU-CS-00-177, December, 2000.	

Examiner Signature	Date Considered
--------------------	-----------------

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-A820 (also form PTO-1449)

<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>	Docket Number (Optional) <b>14846-37</b>	Application Number <b>TBD</b>
	Applicant(s) <b>ZIEMANN et al</b>	
	Filing Date <b>Herewith</b>	Group Art Unit <b>TBD</b>

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		US 6,014,671	01/11/00	Castelli et al.	707	101	
		US 6,356,920	03/12/02	Vanderslius	707	501	
		US 6,411,957	06/25/02	Dijkstra	707	100	
		US 6,418,446	07/09/02	Lecton et al.	707	103	
		US 6,532,467	03/11/03	Brocklebank et al.	707	100	
		US 6,571,249	05/27/03	Garrecht et al.	707	100	
		US 6,578,129	06/10/03	da Silva Junior et al.	711	209	
		US 6,591,260	07/08/03	Schwarzhoff et al.	707	2	
		2002/0083034	06/27/04	Orbanes et al.	707	1	
		2002/0143774	10/03/02	Vandersluis	707	10	
		2003/0014421	01/16/03	Jung	707	102	

FOREIGN DOCUMENTS								
EXAMINER INITIAL	REF				CLASS	SUBCLASS	TRANSLATION	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
		Van Bommel, P., et al., "Genetic Algorithms for Optimal Logical Database Design" Information and Software Technology, 36(12):725-732, 1994	
		Xu et al., "ERDraw: An XML-based ER-diagram Drawing and Translation Tool", date unknown, but available at <a href="http://www.cs.wayne.edu/~shiyong/papers/cata03.pdf">http://www.cs.wayne.edu/~shiyong/papers/cata03.pdf</a> as of March 16, 2004	
		Yahfoufi et al., "A Self-Stabilizing Distributed Branch-and-Bound Algorithm", Laboratoire Prism, University of Versailles, date unknown	

Examiner Signature	Date Considered
--------------------	-----------------

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-A820 (also form PTO-1449)